



**INSTRUCTION MANUAL  
FOR**

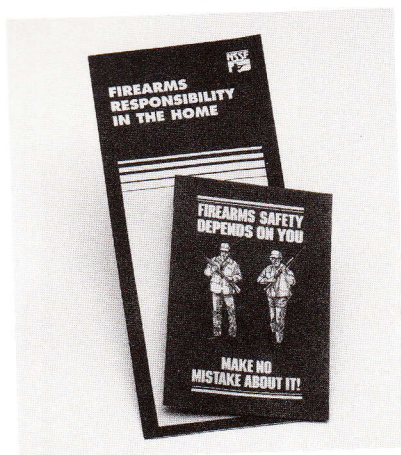
**M59  
M59/66**

**Semi-Auto Carbine  
7.62 x 39mm**

**READ THE INSTRUCTIONS AND WARNINGS  
IN THIS MANUAL CAREFULLY BEFORE  
USING THIS FIREARM**

## FIREARMS SAFETY

At K.B.I., Inc. we believe that safe firearms handling is the most important consideration of anyone who uses firearms and ammunition. Please take a few minutes to thoroughly read and understand this instruction manual, the SAAMI "Firearms Safety Depends on You" pamphlet and the NSSF publication "Firearms Responsibility in the Home", all included with this rifle. You should completely understand this manual before



you practice loading, unloading and firing with live ammunition.

Remember, firearms safety does depend on you!

## THIS MANUAL CONTAINS

1. Important warnings, which should be read and understood before using this firearm. **SAFE GUN HANDLING IS YOUR PERSONAL RESPONSIBILITY AT ALL TIMES.** Disregarding warnings in this manual may result in injury or death to you and others and damage to property.
2. Directions and procedures for handling loading, firing and unloading.
3. Instructions for care, cleaning, repair, and service of this M59, M59/66.

This instruction and safety manual is designed to help you learn how to properly use and care for your M59 or M59/66. Only when you are certain you have fully familiarized yourself with the function of your firearm should you practice loading, unloading and firing with live rounds of ammunition.

**This instruction manual should always accompany this firearm, and be transferred with it upon change of ownership. Should you ever need to replace this manual it is available FREE upon request from K.B.I.**

## DISCLAIMER OF LIABILITY

K.B.I. shall not be responsible for product malfunctioning or for physical injury, death or damage to property resulting from either intentional or accidental discharge of this firearm, its criminal or negligent use, improper or careless handling, unauthorized modifications or alteration, use of defective or improper or handloaded or (replaced) or other non-SAMMI standard ammunition, or from its use for purposes or subjection to treatment for which it was not designed. For your safety, use only original high quality commercially manufactured ammunition in good condition that is appropriate to the caliber/gauge of your gun. K.B.I. shall not be responsible for product or its result from use of defective, improper or handloaded or reloaded or non-SAMMI ammunition.



## WARNING - LEAD EXPOSURE

Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances that may cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash your hands thoroughly after exposure. Shooting or cleaning guns may expose you to lead.

### WARNING:

Prior to removing this gun from its packaging, and prior to loading and firing, carefully and thoroughly read the entire instruction manual which gives advice on the gun's proper handling and functioning. However, your safety and that of others (including your family) depends on your responsible compliance with that advice. If unfamiliar with firearms seek supervised instruction.

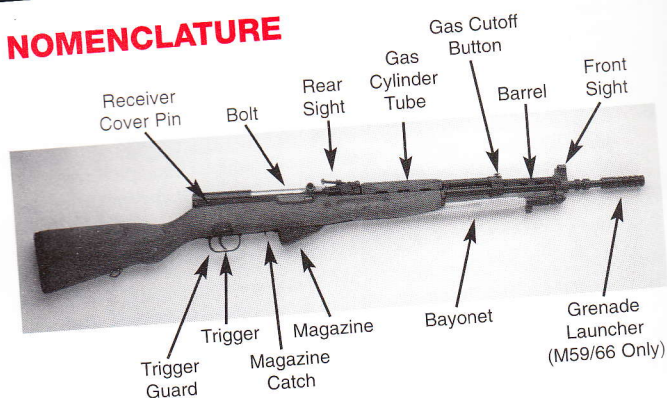
## FIREARMS SAFETY IS YOUR RESPONSIBILITY.

## GENERAL SAFETY WARNINGS

1. Careless and improper handling of this gun could result in unintended discharge causing injury, death or property damage. Safety must be the first and constant consideration when handling a firearm and ammunition.
2. The M59, M59/66 was designed to function properly in its original condition. Alterations can make it unsafe. Do not alter any part or add or replace parts.
3. M59, M59/66 should only be carried with the action open and chamber empty to prevent accidental discharge.
4. **Always handle and treat your gun as if it were loaded** so you never fire it accidentally when you think it is unloaded. Never take anyone's word it is unloaded. Always check it yourself with your fingers off the trigger and the gun pointed in a safe direction.
5. Never place your finger inside the trigger guard unless you intend to fire.
6. Water, snow, mud, excessive lubricating oil or grease or any other material can obstruct the barrel of your gun. Always check the barrel of your firearm for obstruction before loading and firing. Clean a fouled gun immediately to ensure its correct and safe function.

7. **Keep the gun's muzzle pointed in a safe direction at all times.** Never let the muzzle of a firearm point at any part of your body, another person or at anything you do not intend to shoot. Always be certain of your target before firing.
8. **UNLOAD ALL FIREARMS WHEN NOT IN USE. NEVER STORE A LOADED FIREARM.** Firearms and ammunition should be safely stored separately so that they are inaccessible to children or unauthorized users.
9. Always make sure your gun is not loaded before cleaning, storing, or handing it to another person.
10. Always wear safety glasses while shooting to protect your eyes from injury by gun powder, gas, lubricant, dirt or metallic particles, carbon residue, sparks or other debris.
11. Always wear ear protection when shooting, especially on a range. Without ear protection, the noise from your gun, and other guns close to you, could leave a "ringing" in the ears for some time after firing. Repeated exposure to shooting noise could result in permanent hearing loss.
12. Never climb a tree, fence or wall while carrying a loaded firearm.
13. Don't shoot at a hard surface, or at water. A ricochet may travel in unpredictable directions to strike you or an object you cannot see.
14. Firearms and alcohol don't mix. Never drink alcoholic beverages or take drugs before or during shooting, as this constitutes criminal disregard for your safety and that of others. Never use a gun while you are taking medication unless you have checked with your doctor to ensure your fitness to handle your gun safely.
15. If you have any doubts about your ability to handle or use this M59, M59/66 safely, seek supervised instruction.
16. **Horseplay has no place around firearms. Guns can't think - you can!**
17. **Remember, safety is your responsibility. be a safe shooter.**
18. **FOLLOW THE LAW:** Obey all local, state and federal laws regarding storage, shooting and transporting your firearm.

## NOMENCLATURE



## OPERATION

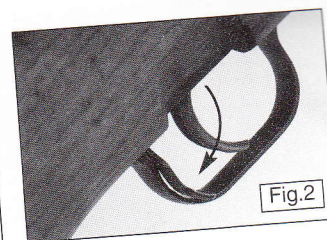
**WARNING:** Read and understand all instructions and warnings in this manual **BEFORE** using this M59, M59/66. It is important to learn the parts of your M59, M59/66 and their functions before using this firearm.

The M59, M59/66 is a gas operated semi automatic rifle. After the initial loading and cocking sequence is followed, and the safety is in the off position, the rifle will fire a shot with each subsequent pull of the trigger until the ammunition supply in the magazine is exhausted. The bolt will lock itself in the open/rearward position after the last round has been fired. If the bolt is not locked open rearward with the empty chamber exposed, treat the rifle as if it were loaded.

## Safety

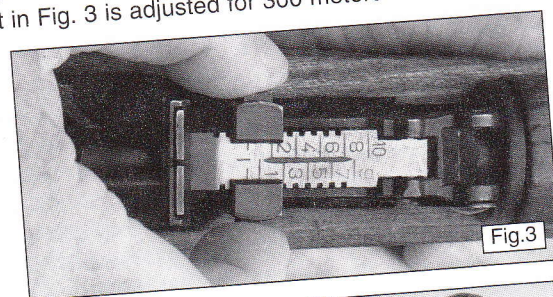
The safety is located on the right side of the rifle in the rear of the trigger guard behind the trigger. Put the safety in the "on" position by pushing it forward and upward (Fig. 1). To put the safety in the "off" position, push the safety into its fully

downward and rearward (Fig. 2). **Always keep the safety "on" until you are ready to fire.**

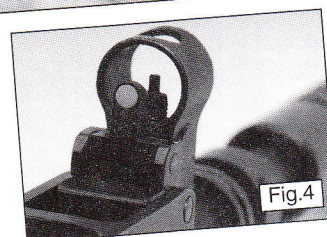


## Sights

The M59, M59/66 has adjustable sights. To adjust the rear sight, depress the slide catch (Fig. 3) and move the sight bar along the leaf. The numbers on the leaf represent distance in hundreds of meters. Align the top of the sight bar with the underlined number representing the required distance. The sight in Fig. 3 is adjusted for 300 meters.



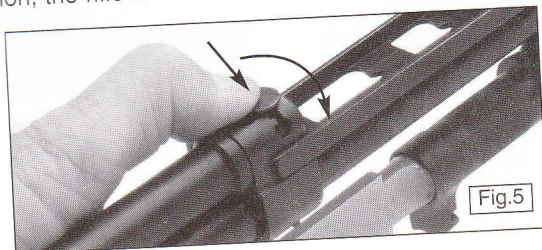
A reflective front sight can be deployed in low light conditions, by flipping it into its upright position (Fig. 4).





## Gas Cutoff Button

The M59/66 is equipped with a grenade launcher attached to the end of the barrel, and a grenade sight. To properly operate this rifle, using standard centerfire ammunition, the gas cutoff button (Fig. 5) must be pushed in and moved downward toward the right. If the gas cutoff button is not in this position, the rifle will not function properly.



## Loading

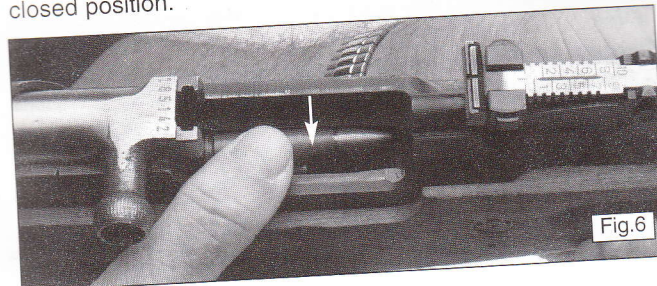
**WARNING:** Read and understand all instructions and warnings in this manual **BEFORE** using this M59, M59/66. It is important to learn the parts of the M59, M59/66 and their functions before using this firearm.

To load the M59, M59/66 put the safety on and pull the operating handle fully to the rear and release. The bolt will remain open if the magazine is empty. Load the magazine by inserting one cartridge at a time onto the magazine follower and push downward (Fig. 6). Repeat until the magazine is full. Draw the operating handle fully rearward and release. The action will travel forward, pick up a cartridge from the magazine, and load it into the chamber.

**CAUTION:** The M59, M59/66 is now ready to fire.

If you do not wish to load the M59, M59/66, hold the operating handle back with your right hand while depressing the magazine follower with your other hand. Slowly let the operating handle travel forward removing your other hand from

the magazine follower. The bolt handle will travel to the fully closed position.



## Firing

**WARNING:** Read and understand all instructions and warnings in this manual **BEFORE** using this M59, M59/66. It is important to learn the parts of the M59, M59/66 and their functions before using this firearm.

After the rifle is loaded and you have adjusted your sights, and are sure of your target and its surroundings, you may choose to fire the rifle. To do so, move the safety downward and rearward until it is parallel to the trigger. Aim and pull the trigger. The rifle will fire one shot and reload itself. This process can be repeated until the magazine is emptied at which time the bolt will lock in the open position. Visually inspect the chamber to ensure there is not another round in the magazine or the chamber (Fig. 7).

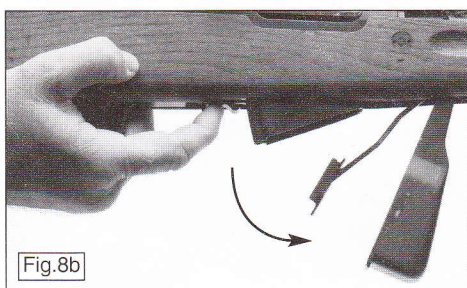
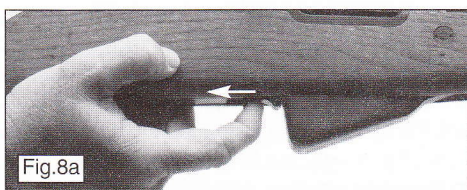




## Unloading

**WARNING:** Read and understand all instructions and warnings in this manual **BEFORE** using this M59, M59/66. It is important to learn the parts of the M59, M59/66 and their functions before using this firearm.

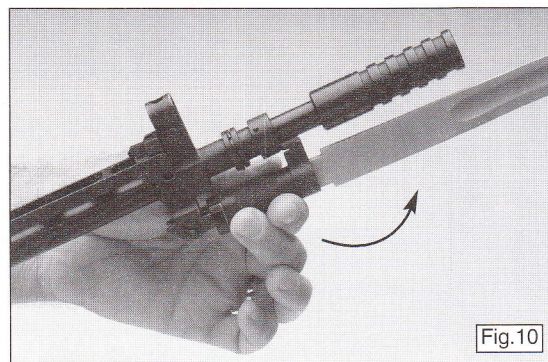
To unload and clear the M59, M59/66, push the safety to the "on" position. Pull back the magazine catch (Fig. 8a) and allow the magazine to swing open (Fig. 8b). You can then remove all the remaining cartridges in the magazine. Close the magazine. Pull the operating handle fully rearward to eject any cartridge which might be in the chamber. Again, visually inspect to ensure there are no cartridges remaining in the chamber or magazine. Close the action. Remember that the operating handle is under spring pressure and must be controlled with one hand while the other hand depresses the magazine follower. Be sure that your fingers are clear, then release the operating handle and allow it to slide fully forward.



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## Bayonet

The M59 and M59/66 is equipped with a folding bayonet. To release the bayonet from its locked, closed position, move the hilt to the rear (there will be pressure from an internal spring) (Fig. 9) and swing the bayonet forward until it locks into position under the muzzle. (Fig. 10). To return the bayonet to its locked, closed position, pull the hilt forward and swing bayonet rearward.



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## Grenade Launcher

To retain its historical authenticity, the M59/66 is equipped with a grenade launcher (Fig. 11).

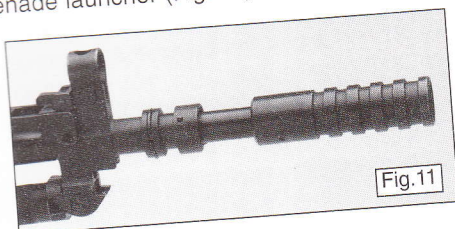


Fig. 11

## Grenade Sight (M59/66 Only)

The M59/66 rifle has an operational grenade sight. To use this sight, the gas cutoff button must be depressed and moved to its center position in the housing. Raise the sight into its extended position (Fig. 12).



Fig. 12

To retract the grenade sight, depress the retaining plunger (Fig. 13). Use a pin punch or similar object. Lower the sight to its resting position.

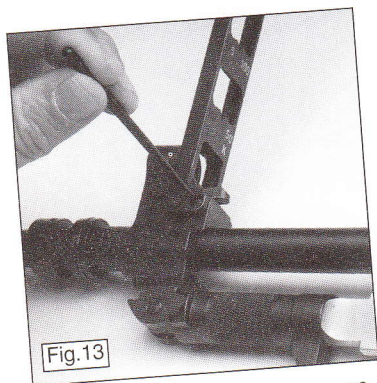


Fig. 13

## DISASSEMBLY

**WARNING:** Read and understand all instructions and warnings in this manual **BEFORE** using this M59, M59/66.

At regular intervals or when the M59, M59/66 has been exposed to sand, water or other adverse conditions, disassemble, clean and oil it. **Always make sure the M59, M59/66 is completely unloaded before disassembly.**

To disassemble your M59, M59/66

1. Rotate the receiver cover pin upward to a vertical position (Fig. 14) and pull the pin out as far as possible (Fig. 15).
2. Remove the receiver cover.

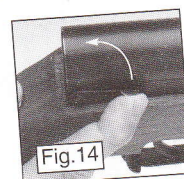


Fig. 14

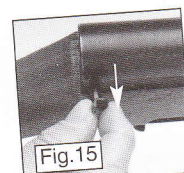


Fig. 15

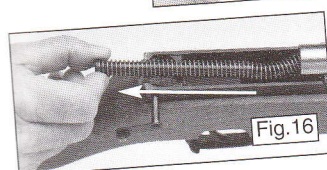


Fig. 16

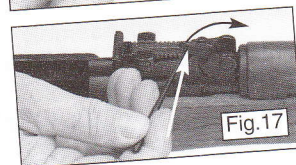


Fig. 17

3. Remove recoil spring assembly (Fig. 16) from rear of bolt and slide the operating handle rearward. The bolt carrier, and bolt can now be removed. Separate the bolt from the bolt carrier.
4. Rotate the gas cylinder tube lock (use a pin punch or similar pointed object) (Fig. 17) to its uppermost position and lift the rear of the hand guard to remove the gas cylinder tube and gas piston. Lower front end of tube and allow piston to slide out.



5. Remove gas piston extension and spring by placing your thumb in front of the rear sight base. Rotate the gas cylinder tube lock slowly forward to a 90 degree angle and remove and separate the piston extension and spring.

**CAUTION:** The piston extension is under spring tension and must be controlled.

6. To remove the trigger assembly, the safety must be in the "on" position. Depress the catch located behind the trigger guard (Fig. 18) and pull the trigger group out of the rifle (Fig. 19).
7. Remove the magazine box by pulling up and out.

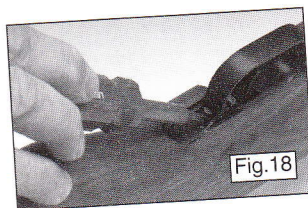


Fig. 18

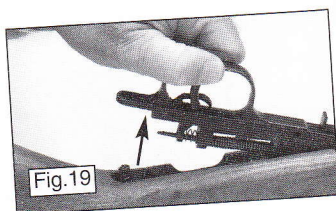


Fig. 19

Further disassembly is not recommended and not necessary for regular maintenance (Fig. 20).



Fig. 20

**CAUTION:** Always unload your gun and store it and ammunition separately in a locked receptacle out of children's reach and sight, minimizing the risk that the gun and ammunition could be easily available for unauthorized loading and firing.

## ASSEMBLY

To assemble the M59, M59/66 follow these steps.  
(For proper placement see Fig. 20)

1. Invert the rifle and hook the magazine on the action lug in the stock, leaving the magazine open.
2. To replace the trigger group engage the pins at the front of the trigger group (notches must be behind the magazine box). Swing the trigger group into position in the stock (seat by sharp blow on the loop of the trigger guard). Move safety to the "off" position to insure the catch is fully engaged.
3. Replace gas piston extension and spring by holding the gas tube lock in a vertical position and inserting the gas piston extension, with spring, back into its recess in front of the rear sight. Push back into the recess until it can be locked into place. Lock by rotating the gas tube lock at a 45-degree angle to the rear.
4. Replace the gas cylinder tube and piston by sliding the gas piston, small end first, into the front of the gas tube. Fit the large end of the gas tube over the gas cylinder block on the barrel and swing the rear end of the gas cylinder tube into the rear sight base. Turn the gas cylinder and lock down into the detent.
5. Replace the bolt and carrier by connecting the bolt and carrier together (Fig. 21). Place the bolt and carrier into the receiver. Push down and all the way forward to seat.

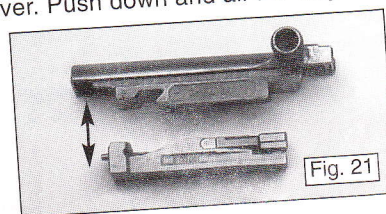
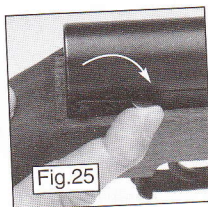
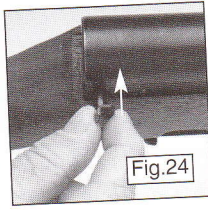
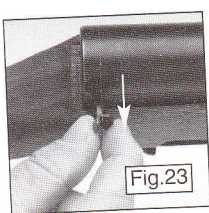
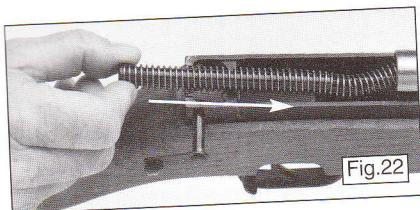


Fig. 21



6. Replace recoil spring assembly, curled end first, into the bolt carrier together (Fig 22). Pull the receiver cover pin fully to the right (Fig. 23). Slide receiver cover into place from the rear. Secure cover by pushing receiver cover pin into the receiver (Fig. 24). Rotate pin down to the locked position (Fig. 25) and close the magazine.



Function test to insure the M59, M59/66 is reassembled properly:

1. Pull the operating handle to the rear and hold it.
2. Press down on the magazine follower.
3. Allow bolt to go forward.
4. Place safety lever into the "on" position.
5. Press trigger (The hammer should not go forward).
6. Place safety lever into "Off" position.
7. Press trigger. (The hammer should go forward).

**USE YOUR M59, M59/66  
CAREFULLY AND SAFELY.**

## **SERVICE INSTRUCTIONS**

### **K.B.I. STANDARD LIMITED WARRANTY**

Your K.B.I. M59, M59/66 is warranted against defects in materials and/or workmanship for one year from date of original new gun retail purchase.

This warranty does not cover repairs related to unreasonable use, corrosion, failure to provide proper maintenance, damaged or shopworn display guns, gun barrels damaged by an obstructed bore, guns damaged in shipment due to improper packing and handling, or wear of any parts including finishes of metal, wood, camo or chrome.

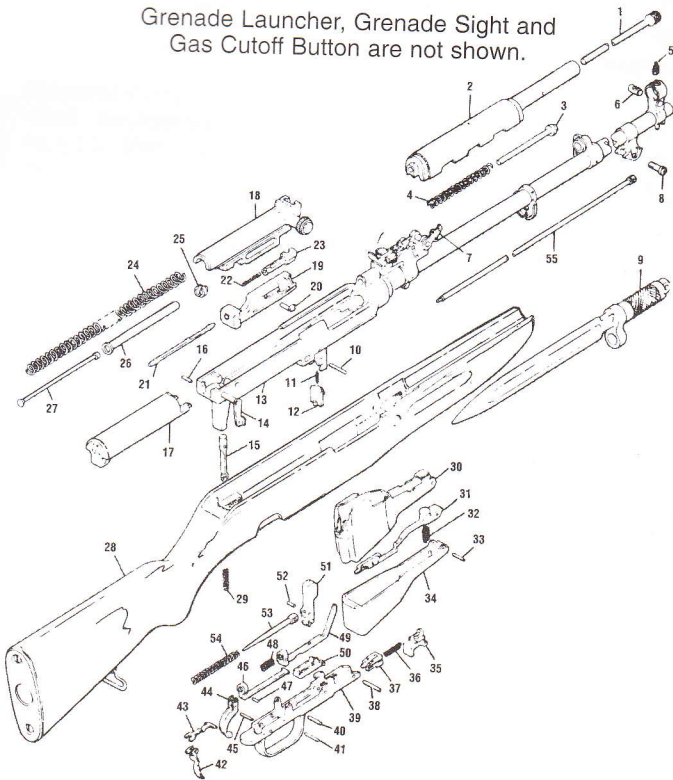
Unauthorized alterations or service not approved or performed by K.B.I., or the use of handloaded, reloaded or other non-SAAMI standard ammunition will also void all warranties. K.B.I. reserves the unconditional right to inspect any firearm before making any repairs or adjustments under this warranty.

Under no circumstance shall K.B.I. be liable for consequential or incidental damages or injury. Some states do not allow the exclusion of consequential or incidental damages so the above limitation may not apply to you.

For further information, contact the K.B.I. service department at 717-540-4656 or write to K.B.I., Inc., at P.O. Box 6625 Harrisburg, PA 17112.

**K.B.I. M59, M59/66  
Semi-Auto Carbine  
7.62 x 39mm**

Grenade Launcher, Grenade Sight and  
Gas Cutoff Button are not shown.



**K.B.I. M59 • M59/66  
Semi-Auto Carbine • 7.62 x 39mm  
PARTS LIST**

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 1. Piston                           | 29. Trigger Guard Spring            |
| 2. Handguard and gas cylinder       | 30. Magazine                        |
| 3. Piston extension                 | 31. Magazine follower               |
| 4. Piston return spring             | 32. Follower spring                 |
| 5. Front sight                      | 33. Hinge pin                       |
| 6. Front sight seat                 | 34. Magazine cover                  |
| 7. Handguard catch                  | 35. Cover latch                     |
| 8. Bayonet screw                    | 36. Latch spring and sear<br>spring |
| 9. Bayonet assembly                 | 37. Sear                            |
| 10. Hold open latch pin             | 38. Latch stop pin                  |
| 11. Hold open latch spring          | 39. Trigger guard                   |
| 12. Hold open latch                 | 40. Disconnecter hinge pin          |
| 13. Receiver and barrel<br>assembly | 41. Trigger pin                     |
| 14. Takedown latch                  | 42. Safety catch                    |
| 15. Trigger guard latch             | 43. Safety catch spring             |
| 16. Latch pin                       | 44. Trigger                         |
| 17. Rear housing                    | 45. Safety catch pin                |
| 18. Bolt carrier                    | 46. Trigger bar                     |
| 19. Bolt                            | 47. Trigger bar pin                 |
| 20. Firing pin retainer             | 48. Trigger spring                  |
| 21. Firing pin                      | 49. Disconnecter                    |
| 22. Extractor spring                | 50. Rebound disconnecter            |
| 23. Extractor                       | 51. Hammer                          |
| 24. Recoil spring                   | 52. Hammer strut pin                |
| 25. Spring retainer                 | 53. Hammer strut                    |
| 26. Large spring guide              | 54. Hammer spring                   |
| 27. Small spring guide              | 55. Cleaning rod                    |
| 28. Stock assembly                  |                                     |